


2011 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
 Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Roundup B11ANC12a
 SOIL DESCRIPTION: Marquis-Readlyn silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Corvus, Stratego YLD, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 180 Fall, 22 Sidedress,
 Applied N-P-K (units): 202-104-120
 SEEDED - RATE: May 7 35,100 /A TOP 30 OF 78 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 12 34,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Fielders Choice	NG6731	VT3	P250	107	237.7	18.5	2.0	32.0	1,357.9	1
Steyer	10603	STX	P250	106	236.0	19.2	1.0	32.0	1,344.0	2
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	230.8	17.1	3.0	32.8	1,326.5	4
FS Seeds	FS 56TV4	VT3P	C250	106	230.3	18.7	1.0	34.4	1,314.4	5
Pioneer	P0210HR GC	HX,RR2	P1250,V	102	230.2	16.3	3.0	32.8	1,327.7	3
Cornelius	C459SS	STX	C250	105	230.1	19.9	2.0	35.2	1,306.4	6
Wyffels	W2757	VT3P	P250	102	224.1	15.8	8.7	34.4	1,295.3	7
Jung	7V570	VT3P	P500	105	224.1	16.9	1.0	31.2	1,289.1	9
Cornelius	C344VT3P	VT3P	C250	103	224.0	16.3	1.0	38.5	1,291.9	8
Viking	D44-06RL	STX	C250	106	223.2	19.0	1.0	36.1	1,272.2	14
Epley	E1418GT3000	3000GT	C250	104	222.3	17.2	9.0	34.4	1,277.1	10
Cornelius	C447VT3	VT3	C250	105	222.0	17.1	3.0	34.4	1,275.9	11
Gold Country	103-09	VT3	P250	103	221.9	17.0	14.3	36.1	1,275.9	12
Kruger	K-6201VT3	VT3	P500,V	101	221.6	16.9	9.7	32.0	1,274.8	13
Great Lakes	5339GT3	3000GT	P500,V	103	221.5	17.6	5.7	33.6	1,270.3	15
LG Seeds	LG2535STX	STX	P500,V	106	221.4	20.2	1.0	36.1	1,255.3	18
AgriGold	A6384VT3Pro	VT3P	P500,V	106	220.5	16.7	3.0	33.6	1,269.5	16
Trelay	6ST576	STX	P500,V	104	218.6	16.6	3.0	34.4	1,259.1	17
Dyna-Gro	D45VC90	VT2P	P250	105	218.6	18.1	2.0	30.3	1,250.9	20
Stine	9529VT3Pro*	VT3P	C250	106	218.4	17.7	1.0	32.8	1,252.0	19
AgriGold	A6323GT3	3000GT	P500,V	103	217.7	17.2	5.7	33.6	1,250.7	21
Trelay	6VT154	VT3	P500,V	102	216.9	17.1	4.0	32.8	1,246.6	22
FS Seeds	FS 53TV4	VT3P	C250	103	215.8	16.0	3.7	35.2	1,246.2	23
G2 Genetics	5H-905^	HX,RR2	C250	105	215.3	16.4	6.3	36.1	1,241.2	24
Fontanelle	5T426	VT3	P250	102	214.8	16.7	13.7	36.1	1,236.7	25
Great Lakes	5643VT3PRO	VT3P	P500,V	106	214.4	16.6	3.0	33.6	1,234.9	26
Dairyland	ST-9206SSX	STX	C250	104	213.9	17.8	16.7	36.1	1,225.6	27
Epley	E1238GT3000	3000GT	C250	101	212.2	16.1	7.0	34.4	1,224.9	28
Jung	7S555	STX	P500	102	212.0	17.1	2.0	35.2	1,218.5	29
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	210.5	16.3	3.7	36.9	1,214.1	30
Pioneer	P0533XR CK	HXT,RR2	C250	105	209.4	17.1	2.0	36.1	1,203.5	35
					Test Average =	207.9	17.0	6.8	34.3	1,195.4
					LSD (0.10) =	15.9	0.4	10.1		
					C.V. =	5.7	1.6			



F.I.R.S.T. Manager

TEST COMMENTS: *There was good growth and a lot of tall corn at this no-till site. Obvious differences in lodging between hybrids were noted during harvest. Gray leaf spot pressure was high during the season and likely caused yield separation among the genetics. Excessive heat during early July caused tip dieback from 0.5" to 1.5" but later moisture filled kernels well.* Lat: N42.48591, Long: W-92.16387

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$5.80

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, * = brands without a seed lot number; **ns** = not significantly different

2011 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
 Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

FULL SEASON TEST
107 - 110 Day CRM

B1IANC12b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Marquis-Readlyn silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Corvus, Stratego YLD, Force 3G
 FERTILITY - Applied N: 180 Fall, 22 Sidedress,
 Applied N-P-K (units): 202-104-120

30" ROW SPACING

 SEEDED - RATE: May 7 35,100 /A
 HARVESTED - STAND: Oct 12 34,100 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-77VT3	VT3	P500,V	109	249.7	18.2	2.0	36.1	1,428.3	1
LG Seeds	LG2555VT3	VT3	P500,V	110	249.5	18.8	41.0	32.8	1,423.4	2
AgriGold	A6476VT3Pro	VT3P	P500,V	110	242.3	18.2	4.0	34.4	1,386.0	3
LG Seeds	LG2549VT3	VT3	P500,V	109	239.5	18.9	3.0	33.6	1,365.7	4
Renk	RK795VT3P	VT3P	P250	109	238.9	18.5	1.0	33.6	1,364.7	6
Wyffels	W7147	VT3P	P250	111	238.4	19.5	8.0	32.0	1,355.9	8
Titan Pro	81A10	CB/LL/RW	C250	110	238.4	18.0	11.0	35.3	1,364.8	5
Cornelius	C594VT3P	VT3P	P250	109	237.5	17.8	2.0	33.6	1,360.9	7
NuTech	5N-1004*	3000GT	C250	110	237.4	18.6	3.0	32.0	1,355.6	9
AgriGold	A6458VT3	VT3	P500,V	110	237.0	18.4	3.0	37.7	1,354.5	10
Channel	209-85VT3P	VT3P	P500,V	109	236.8	18.7	3.0	34.4	1,351.5	11
Wyffels	W6871	VT3	P250	110	236.7	19.7	4.7	32.0	1,345.0	14
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	235.8	17.8	34.7	33.6	1,351.1	12
Gold Country	110-35	VT3	P250	110	235.6	18.9	1.0	33.6	1,343.5	15
NuTech	5B-1003*	GT/CB/LL	C250	110	235.6	17.8	7.3	36.1	1,350.0	13
Steyer	11002	3000GT	C250	110	233.7	18.5	5.7	35.3	1,335.0	17
Fontanelle	6V879	VT3P	P500,V	107	233.3	17.3	1.0	36.1	1,339.7	16
FS Seeds	FS 60TV4	VT3P	C250	110	232.8	17.9	17.0	34.4	1,333.4	18
Channel	210-57STX	STX	P500,V	110	231.0	18.5	1.0	39.4	1,319.6	20
Gold Country	107-17	VT3P	P250	107	231.0	17.0	2.0	36.9	1,328.3	19
Great Lakes	5939G3VT3	VT3	P500,V	109	230.5	18.7	7.0	38.5	1,315.6	22
Titan Pro	80A08GL	3000GT	C250	108	230.2	17.8	7.0	34.5	1,319.0	21
Renk	RK818VT3P	VT3P	P250	108	227.1	18.1	3.0	37.7	1,299.6	23
Channel	210-61VT3	VT3	P500,V	110	227.1	19.5	4.7	30.3	1,291.6	26
Cornelius	C582VT3P	VT3P	C250	109	226.7	18.4	4.7	34.4	1,295.6	24
Cornelius	C623VT3P	VT3P	P250	110	225.5	17.8	3.0	39.3	1,292.1	25
Steyer	10903	VT3P	P250	109	225.3	18.2	2.0	35.2	1,288.7	27
Stine	9731VT3Pro*	VT3P	C250	110	224.8	20.1	2.0	33.6	1,275.2	28
Steyer	10901	STX	P250	109	224.1	19.6	2.0	33.6	1,274.0	30
G2 Genetics	5X-909^*	HXT,RR2	C250	109	223.2	18.6	3.0	32.8	1,274.5	29
Pioneer	P0533XR CK	HXT,RR2	C250	105	214.2	17.2	2.0	31.2	1,230.6	42
Test Average =					223.9	18.2	6.1	34.1	1,280.6	
LSD (0.10) =					14.7	0.6	11.0			
C.V. =					4.8	2.6				



F.I.R.S.T. Manager

TEST COMMENTS: *There was good growth and a lot of tall corn at this no-till site. Obvious differences in lodging between hybrids were noted during harvest. Gray leaf spot pressure was high during the season and likely caused yield separation among the genetics. Excessive heat during early July caused tip dieback from 0.5" to 1.5" but later moisture filled kernels well.*

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 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 10/13/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gauche®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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